FEATURES AND BENEFITS

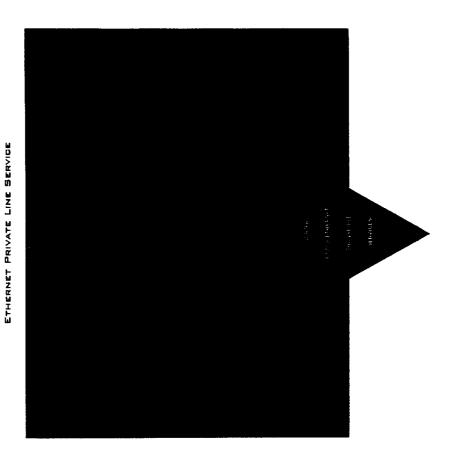
- Scalable—Long term access to scalable,
 high bandwidth capacity as needs expand;
 2.5 Gbps & 10 Gbps
- Easy to Deploy—Dark fiber features
 with the ease of a lit service
- Cost Effective—Bulk point-to-point bandwidth at competitive rates
- Reduces network management requirements and resources
- Customizable to Meet your Business
 Objectives—Available in both protected
 and unprotected configurations
- Diverse Routes—Available to improve customer network reliability and survivability
- Close your SONET rings with clear channel capacity
- Supports Multiple Protocols—Seamless
 support for your IP, ATM, frame relay, and
 circuit switched voice services
- 24x7x365 network surveillance

WAVELENGTH TECHNICAL SPECIFICATIONS

s (OC-48) (OC-192) erfaces support a snsport protocols: NET, IP, etc. s 15 miles ICB
erfaces support a sinsport protocols: NET, IP, etc. s 15 miles ICB
ICB
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or, MA ce, RI ster, NH CT , ME c, NY ains, NY NJ ohia, PA e, MD ton, DC
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Protection Specifications	Point-to-Point	Optically Protected Route Diverse
Availability	99.9%	99.99%
Bit Error Rate	1x10°	1x10 ^s
Error Free Seconds	99.9%	99.9%
Mean Time To Repair (MTTR)	8 hours	3 hours





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2200 WEST PARK DRIVE, WESTSCHOUGH, IN O 1881 S00.891 5000 008.818.7800 PAX 508.618,7809

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NEON COMMUNICATIONS ETHERNET PRIVATE LINE SERVICE

NEON offers carrier class Ethernet transport services to meet the varying connectivity needs of carriers, ISPs, and large scale enterprise networks.

NEON's Ethernet Private Line Service offers dedicated, point-to-point connectivity at Fast Ethernet (50 Mbps or 100 Mbps) as well as Gigabit Ethernet (600 Mbps or 1000 Mbps). Ethernet can be used to support applications such as LAN-to-LAN connectivity, storage area networking, internet access, or disaster recovery solutions.

To meet the needs of its customers, NEON has designed the service so that it can be provisioned over a single path or, for added reliability, over a diverse path.

Ethernet Private Line Service is available at most of NEON's locations in both metro and long-haul configurations.

CONNECTION MODEL

Fast Ethernet handoffs will be provided via copper 100BaseTx interface over category 5 twisted pair cable (Cat 5). Gigabit Ethernet handoffs will be provided via 1000BaseLX.

SERVICE LEVEL AGREEMENT

Offered via On-Net Service

- Network Availability
- Diverse Path
- ≥ 99.99% measured annually
- Single Path
- ≥ 99.9% measured annually
- Throughput
- Fast Ethernet 100% (45 Mbps and 100 Mbps)
- Gigabit Ethernet
 100% (600 Mbps and 1000 Mbps)
- Mean Time to Repair
- _
- 4 hours

Note: The demarcation point for evaluating performance is the NEON Ethernet port and does not include any media converters or connections beyond the Ethernet port.

FEATURES, ADVANTAGES, AND BENEFITS

- Ease of Use: NEON Ethernet Private

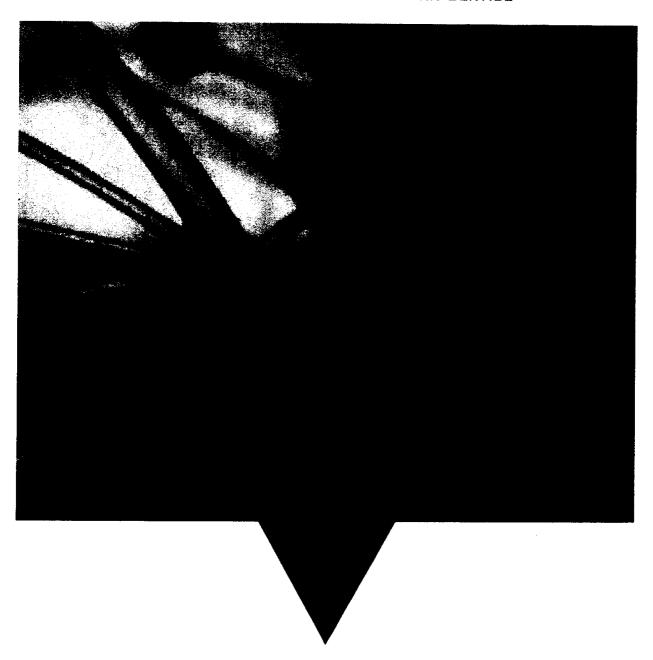
 Line Service eliminates the need for
 additional WAN protocol layers
- Cost Savings: Ethernet equipment interfaces are lower cost equipment interfaces
- Reliable: Carrier grade 99.99% availability (over a diverse path) and 50 ms recovery
- Scalable: Fast Ethernet from 50 Mbps to 100 Mbps and Glgabit Ethernet from 600 Mbps to 1000 Mbps
- Flexible: The service can be designed to utilize a single path or diverse path
- Dedicated Path: Ensuring private line security

TECHNICAL SPECIFICATIONS

	Fast Ethernet	Gigabit Ethernet					
Natwork Technology	Fast Ethernet over NEON's state-of-the-art SONET network	Gigabit Ethernet over NEON's state-of-the-art SONET or DWDM optical network					
Throughput	50/100 Mbps	600/1000 Mbps					
Handoffs	Category 5, RJ-45	Single mode fiber					
Protection	Unprotected handoff with full SONET protection on the NEON network	Unprotected handoff, Can be designed as single path or diverse path over a SONET or wavelength infrastructure					
Network Management	24x7x365 monitoring and surveillance	24x7x365 monitoring and surveillance					
Network Options	Long-haul and metro configurations	Long-haul and metro configurations					
Avellability	Most on-net locations throughout the NEON network	Most on-net locations throughout the NEON network					



SONET VIRTUAL PRIVATE NETWORK SERVICE





NEON COMMUNICATIONS SONET VIRTUAL PRIVATE NETWORK SERVICE

NEON's SONET Virtual Private Network (VPN) Service combines the reliability and availability associated with dedicated SONET rings with the ease of ordering individual circuits to provide you with a service that scales with your network needs and enhances your bottom line. NEON's SONET VPN Service is available in two arrangements, Hubbed and Any-to-Any Connectivity. Both arrangements provide either an OC-48 or OC-12 virtual SONET ring connecting a predetermined set of locations. Once the service is established, any combination of DS-3s through OC-12s can be added up to the total capacity of the network. Provisioned over multiple, shared SONET rings, the service is fully protected with SONET reliability.

SONET VPN Service is a flexible offering that takes the guesswork out of network planning. Carriers can quickly add incremental bandwidth as demand materializes. It also offers a "pay as you grow" financial model that minimizes your up-front costs and better matches revenue to expenses.

NEON's SONET VPN Service is ideal for carriers and service providers who:

- Have known locations that need bandwidth but do not know the exact amount required between locations
- Need to rapidly turn up additional bandwidth
- Need the reliability and availability associated with a dedicated SONET ring, but want to minimize cost and maintain flexibility

BENEFITS

- Flexible—With SONET VPN, carriers don't need to know the exact service mix up front. They can add bandwidth where they need it and as they need it.
- Cost Effective—With a low up-front cost and a "pay as you grow" model, SONET VPN enables carriers to better match revenue to expenses. It also allows carriers to avoid the cost and trouble associated with building dedicated SONET rings.
- Speeds Time to Market—Rapid circuit turn up ensures that carriers have the bandwidth available when they need it, guaranteed.

- Reliable—24x7x365 network monitoring and technical support.
- Available—NEON's network is available today spanning from Maine to Washington, DC. SONET VPN is available at specific locations throughout the NEON network.
 Contact your Account Manager for a list of buildings included in this service offering.

Provisioning

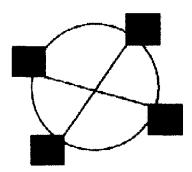
Once the SONET VPN Service is established, provisioning new circuits will occur within 5 business days, guaranteed. (See Service Level Agreement (SLA) for additional details)

Provisioning SLA

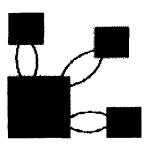
The standard provisioning interval to turn up a new circuit will be 5 business days, guaranteed. Customers will receive a credit equal to 5 days of free service on that circuit for each day that the circuit is late, up to a maximum of 60 days of free service.

SONET VPN SPECIFICATIONS

	0C-12	0C-48
Maximum # of STS-1s	12	48
Bandwidth Supported	DS-3, OC-3	DS-3, OC-3, OC-12
Performance Management	24x7x365 monitoring	24x7x365 monitoring
Restoration Interval	50 msec	50 msec
Reliability	99.999%	99.999%
Standards Compliance	Telecordia GR-253 Core	Telecordia GR-253 Core







Hubbed Arrangement





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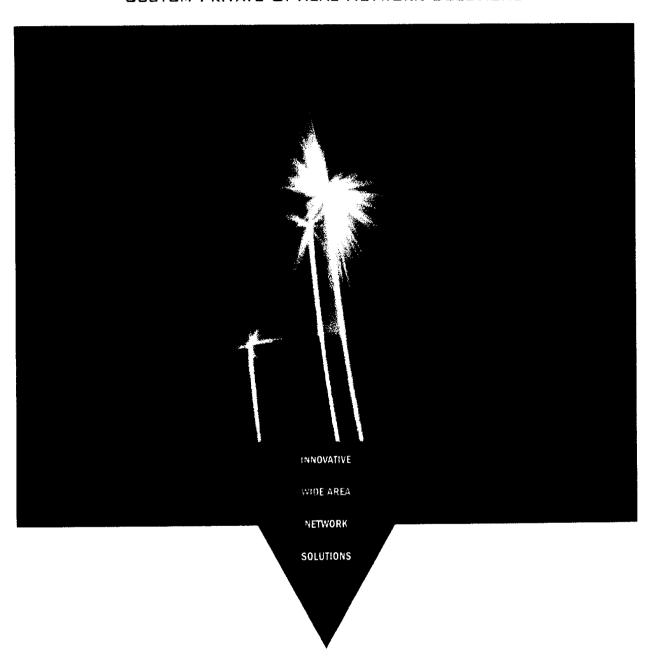
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NEON COMMUNICATIONS

CUSTOM PRIVATE OPTICAL NETWORK SOLUTIONS





NEON COMMUNICATIONS CUSTOM PRIVATE OPTICAL NETWORK SOLUTIONS

SERVICE OVERVIEW

Networking requirements have become more complex as multiple protocols and applications need to be supported across a wide area network. Standardized, off-the-shelf service offerings from the local phone company no longer meet the needs of many carriers and businesses. Often what they need is a network designed and built to support their specific networking requirements. However, the time and costs associated with building a private network, along with the level of specialized knowledge and expertise required to undertake this endeavor, make it unfeasible for most companies even to consider. If you are faced with this situation, NEON can offer your company an innovative way to get the specific optical networking solutions needed to achieve your business objectives.

DESIGN

NEON will work with your team to gain an understanding of your networking requirements. NEON will then move into the design phase, which includes establishing the physical routes the network will take, determining the SONET and optical layer design, as well as specifying the equipment configuration. NEON will deliver a comprehensive plan which includes detailed configurations for each site, fiber maps, time lines, and cost estimates.

BUILD

NEON will assign a Project Manager to oversee the construction of your network. This individual will be your single point of contact working to coordinate the efforts of the various groups involved in the project and to ensure that it stays on track. Also during this phase, NEON will secure the elements required to implement the design, which could include negotiating rights-of-way, leasing space, and procuring equipment.

MAINTAIN

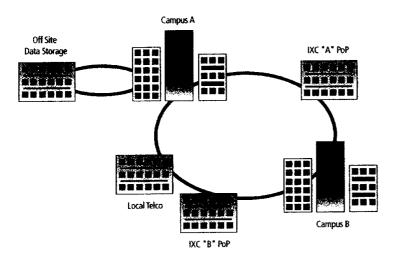
Once your network is built, NEON offers a full suite of managed services, including the monitoring of the SONET and optical layers to ensure that the network performs at the high level your business demands.

FEATURES AND BENEFITS

- Experienced Leverage the knowledge of our skilled team of communications professionals. NEON designed and built its network from the ground up and can do the same for your company. You will be dealing with a team that knows the local market and knows how to complete projects on time and on budget.
- Established NEON is a well established regional carrier which provides services to some of the largest carriers and businesses along the East Coast.
- Carrier Neutral NEON has connectivity to most major carriers and Tier 1 ISPs throughout its region so you can be assured that NEON can connect you to the carrier of your choice.
- Cost Effective NEON saves you the time and expense associated with building your own network or acquiring it from the local phone company.
- Unique Rights-of-Way (ROW) NEON's use of electric utility ROWs enables it to offer an unparalleled level of diversity.
- Turnkey Solution NEON manages your project from the design phase all the way through to the maintenance of the network.

AVAILABILITY

NEON offers Custom Private Optical
Network Solutions on an individual case
basis. The foundation for any solution can
either be at the SONET or DWDM layer.
NEON can support multiple protocols
such as Fast Ethernet, Gigabit Ethernet,
ATM, as well as storage protocols such
as Fibre Channel.



In this example, NEON was able not only to provide a network that connected the customer's campuses and off-site data storage, but also connected them to multiple carriers. This allowed the customer to choose which carrier they wanted to purchase services from, on an application-by-application basis.







SONET Private Line Service
Central Office Access Service
Wavelength Service
Ethernet Private Line Service
SONET Virtual Private Network Service
Custom Private Optical Network Solutions
Network Control Center Service

Colocation Service
 Dark Fiber Service
 Enterprise Service
 Fiber Facts
 Industry Terminology
 Frequently Asked Questions
 Building List

Colocation Service

Colocation Service.pdf

NEON's Colocation Service provides secure, state-of-the-art colocation centers strategically located to facilitate high bandwidth connectivity to the NEON network, carrier hotels, local switch offices, and numerous service providers.

Locating your equipment in NEON's colocation centers ensures fast provisioning without expensive and time-consuming buildouts. We take care to house your equipment in a fully monitored facility that provides secure and reliable high bandwidth access to NEON's network.

NEON offers Colocation Service in 20 facilities located throughout the Northeast and mid-Atlantic states. Our colocation centers offer state-of-the-art, secure, carrier class, conditioned space supporting power ready racks, cabinets, and bulk space.

Features and Benefits

- Valuable Locations NEON's colocation centers are strategically located in key downtown metropolitan areas within close proximity to all major carrier and Internet facilities, ensuring easy connectivity to the highest value communications markets in the United States.
- Highest Connectivity NEON's colocation centers have full connectivity to NEON's metropolitan loops and backbone network, providing connectivity to central offices, long distance carriers, carrier hotels, and Internet network access points.
- Scalable Bandwidth NEON's metro and long-haul optical network is ready to provide high capacity, scalable SONET bandwidth in increments of DS-3, OC-3, OC-12, and OC-48, and managed wavelengths in both 2.5 Gbps and 10 Gbps. Ethernet Private Line transport services with point-to-point connections at either 50 Mbps or 100 Mbps are also available. NEON utilizes dense wave division multiplexing in both metro and long-haul networks to ensure availability and scalability.
- Available NEON's colocation centers are built and fully equipped with all systems including racks, AC/DC power, HVAC, backup generators and batteries, and full NEON network connectivity.
- Unparalleled Security and Reliability NEON's colocation centers employ the latest in controlled access systems and security, ensuring the highest level of security. Reliability is designed into the facilities with 24x7x 365 surveillance, fully redundant systems, and local field technicians, ensuring carrier class facilities.

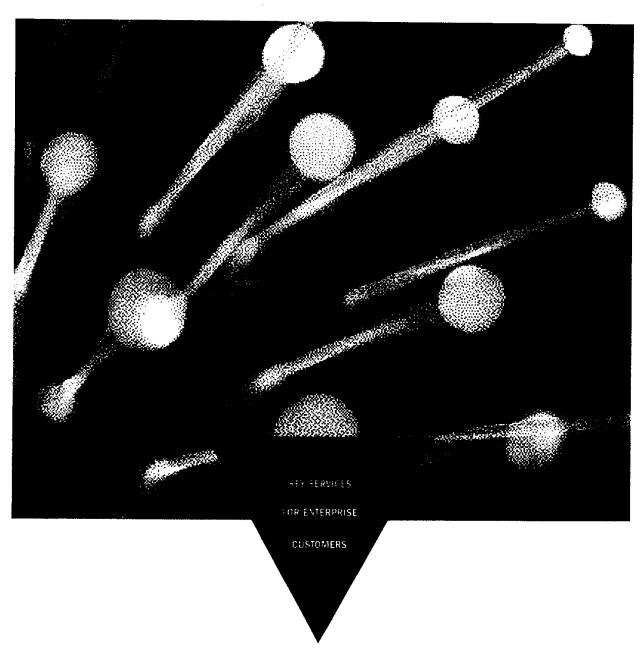
Colocation Service Specifications

Racks	Standard 23x84
Cabinets	Standard 23x36x84
Floor Space Range	600-10,000 Sq. Ft.
Power DC	15 Amps/30 Amps/60 Amps
Power AC	120V Convenience Outlets
Backup Generators	72 Hour Min. Run Time Diesel Generators
Battery Backup DC	4 Hour Min.
Grounding	Separate Equipment and Building Grounds
Cooling Systems	Fully Redundant HVAC
Building Fiber Entry	Dual Diverse Fiber
Access to Facility	24x7
Remote Monitoring	NEON NCC
Availability	Boston, MA (multiple sites) Chester Springs, PA Hartford, CT Hellertown, PA Manchester, NH Nashua, NH New York, NY Owings Mills, MD Plainfield, NJ Portland, ME Portsmouth, NH Providence, RI Rising Sun, MD Springfield, MA Stamford, CT Washington, DC White Plains, NY Worcester, MA

Back to Product Listing

NEON COMMUNICATIONS

ENTERPRISE SERVICES





NEON COMMUNICATIONS ENTERPRISE SERVICES

NEON Communications, Inc. is a facilities-based wholesale communications provider, supplying comprehensive end-to-end telecom services to communications companies and enterprise customers in the 12-state Northeast and mid-Atlantic region. NEON provides SONET and DWDM services to a wide range of enterprise accounts and communications carriers including ILECs, CLECs, ISPs, IXCs, and wireless.

NEON takes you where you want to go with complete and affordable end-to-end service. From start to finish, we focus on delivering the highest level of customer service, including speed and ease of provisioning, full service project management, custom designed solutions, 24x7x365 support and flexible billing options. NEON owns and operates the network as a facilities-based provider of colocation, regeneration and amplifier facilities, not as a services reseller. Major telecommunications providers lease services from NEON, and in turn, resell to their end-users.

Unlike our competitors, our bandwidth extends to cities and towns beyond the "first tier" markets of Boston, New York, and Washington, DC. Our "second tier" markets provide access to such cities as Portland, Portsmouth, Manchester, Springfield, Worcester, Providence, and Hartford.

The NEON network consists of 2,500 route miles (over 100,000 fiber miles) from Portland, Maine to Washington, DC; including connectivity to over 100 POPs (central offices, carrier hotels, IXC POPs, etc.). The NEON rights-of-way include electric utility conduits and public carrier-based facilities, providing geographic diversity throughout the footprint and from other carriers.

NEON uses physically diverse metro rings and redundant equipment in major service areas. The network technology is based on SONET rings at 10 Gbps (OC-192) and DWDM waves at 160 Gbps (16 waves @ 10 Gbps each). The SONET technology provides enterprise customer hand-offs at speeds up to 2.5 Gbps (OC-48) in a diverse ring architecture. DWDM technology supports protected and unprotected wavelengths of 2.5 Gbps and 10 Gbps.

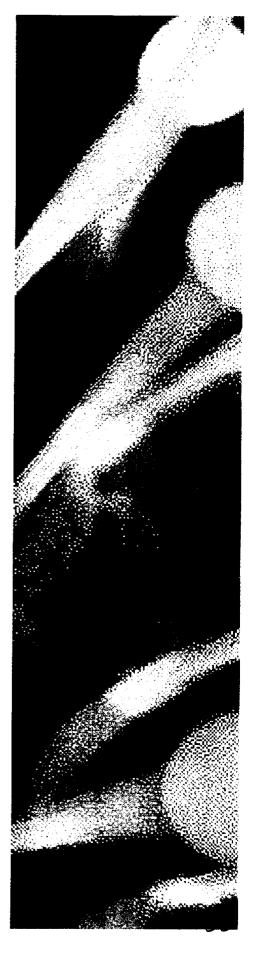
KEY NEON ENTERPRISE SERVICES

- **SONET Private Line**—Physically diverse, looped SONET services at bandwidth levels including DS-3, OC-3, OC-12, and OC-48.
- Lambda (DWDM)—Flexible and scalable high capacity transport at 2.5 Gbps and 10 Gbps, configured as either protected or unprotected wavelengths.
- Ethernet—Dedicated service provides point-to-point Ethernet connections at either 50 Mbps or 100 Mbps.
- Custom Private Optical Network Solutions—On your behalf, NEON can design, build, and manage your network. NEON supports multiple protocols such as Fast Ethernet, Gigabit Ethernet, ATM, as well as storage protocols such as Fibre Channel.
- Central Office Access—Connections to major carriers throughout the NEON footprint over NEON's fully protected SONET network.
- Colocation—Secure, carrier class conditioned, and power ready space, racks and cabinets strategically located to facilitate high bandwidth connectivity to other POPs, carrier hotels, local switch offices and numerous service providers.
- NCC Services—Includes monitoring of circuit and node status, alarming when performance falls outside established thresholds, and producing management reports.
- Muxing—Aggregate local DS-1 traffic and backhaul it, via DS-3s, to your desired location.

ADVANTAGES AND BENEFITS

- Utilizing the NEON network can enable you to reduce operating expenses
- Optical management and infrastructure expertise assures that you implement a network that not only meets your needs today, but tomorrow as well
- NEON builds, integrates, and manages optical networks at the carrier level meeting the same level of service provided to the nation's largest telecommunications companies
- One point of contact for all network needs
- Quarterly customer service meetings to review network performance and assure your total satisfaction
- Our monitoring capabilities allow you to view your own network
- Ability to upgrade technologies and services as they are introduced into the market without making the capital investment required in the past
- Monthly budget fixed and managed by you
- Enterprise customers can focus on their core competencies while NEON focuses on its core competency—designing, building, and maintaining complex networks
- Our use of electric utility rights-of-way enables us to offer an unparalleled level of diversity
- NEON strives for a win/win relationship with its customers

NEON Communications is a regional, facilities-based network services provider in the 12-state Northeast and mid-Atlantic region offering alternative access services including: True Diversity (through unique rights-of-way); SONET Services (DS-3; OC-n); Metro Ethernet (GigE; Fast Ethernet); DWDM; Connections to IXCs/ISPs; Long-haul; Private Networks; Colocation; Custom Applications; Disaster Recovery (Hot Site Connectivity; Remote Storage Connectivity; CO Diversity); Managed Services (NCC Services); and Local Access (3:1 Muxing).





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Network Control Center Service

Colocation Service

Dark Fiber Service Enterprise Service

Industry Terminology

Frequently Asked Questions

Fiber Facts

Building List

Fiber Facts

High Bandwidth

The bandwidth of a single-mode fiber far surpasses the capabilities of today's network electronics. The information-carrying capacity of the fiber is essentially infinite. Not only can the fiber support speeds of tens of gigabits per second, it can carry many gigabit channels simultaneously.

The amount of data that can be transmitted over fiber is limited only by the electronic equipment at each end of the cable. As advances are made, NEON Communications' network is scalable and will support these new transmission standards.

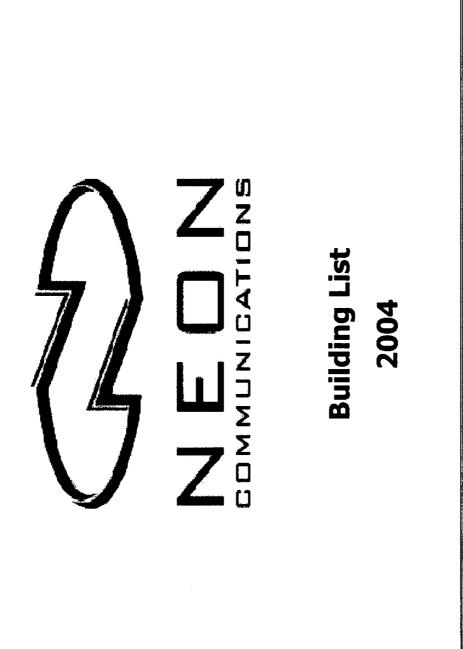
High Strength

An optical fiber has greater tensile strength than copper or steel fibers of the same diameter. It is flexible, bends easily, and resists most corrosive elements that attack copper cable. Optical cables can withstand pulling forces of more than 150 pounds - about six times that recommended for Category 5 cable

Incredible Capacity

One pair of fiber optic strands can modestly transmit 10 gigabits of data per second or the equivalent of approximately 129,000 simultaneous telephone conversations.

DWDM (Dense Wave Division Multiplexing) applications allow multiples of this capacity to be transmitted over a single pair of fibers.



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MA	Cambridge	185 Bent St	02141	2	CMBRMAORH01	1	617-225	Node		Existing	128	Now	and the second of the second of the second	` X	X	×	X
MA	Cambridge	205 Bent St	02141	2	CMBRMAWIW04	1	617-494	Node	٧z	Existing	128	Now	and the second control of the second control	(X	X	and the same	X
MA	Cambridge	250 Bent St	02141	2	CMBRMADINON	1	517-494	Node	ATT	Existing	128	Now	to the contract of the contrac	λ, .)	X		X
MA	Cambridge	10 Ware St	02136	2	CMBRMAWAHAV	CATT	617-234	CO - Tandem	VZ	Existing	125	Now	and the second of the control of the	B ICB	ICB	ICB	ICB
MA	Cambridge	300 Bent St	02141	2	CMBRMAORH01	1	617-551	Node	L-3	Existing	128	Now	and the second second second second	X	X	X	Х
MA	Charlestown	500 Rutherford Ave	02129	2	CHTWMABMHOO	Mezz	617-634	Node		Existing	128	Now	and the second s	₹ 1 X	×		
MA	Charlestown	56 Roland St	02129	ī	CHTWMABFW01	2	617-866	Gateway - T1	ATT,MCI,VZ	Existing	128	Now	and the second second	. X		X	X
MA	Framingham	141 Union Ave	01702	4	FRMNMAUNH8C	SCOPE	508-820	CO - Tandem	VZ	Existing	128	Now	and the second second	λ X	1 2 1	X	X
MA	Framingham	825 Waverly St	01702	4	FRMNMAAJW05	2	508-820	Node	ATT	Existing	128	Now	and the second second	X X	X	فيستنسب	V
MA	Fremingham	881 Waverly St	01702	4	FRMNMAMQH02	1	508-820	Node		Existing	128	Now	and the second s	₹ X	X	X	X
MA	Lawrence	425 Canal St	01840	4	LWRNMACAHBG	Cage	978-662	CO - Tandem	٧z	Existing	128	Now	the state of the s	` X	x	X	X
MA	Lowell	900 Cheimsford St	01652	4	LWLLMACVW00	1	978-452	Access Point		Existing	128	Now	化复甲酰甲亚酚 医二氏性肠炎	8	X	X	
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MA	Mariborough	34 St Martin Dr	01752	4	MRBAMAORNON	1	508-480	Node	NEES	Existing	128	Now	x x x x x x x x
MA	Newton	787 Washington St	02460	4	NWTNMAWAHBM	SCOPE	617-332	CO - Tandem	VZ	Existing	128	Now	X X X X
MA	Quincy	10 Merrimount St	02159	4	QNCYMA	1	617-773	Node	GNAPS	Existing	128	Now	X X X
AM	Quincy	1070 Hencock St	02169	4	QNCYMAHAHBF	SCOPE	617-472	co	VZ	Existing	128	Now	X X X X X X
MA	Salem	35 Norman St	01970	4	SALMMANOHAR	SCOPE	978-744	co	٧Z	Existing	128	Now	X X X X X
MA	Somerville	70 Innerbelt Rd	02143	2	SOVLMAABW00	2	617 -666	Node	interNap	Existing	128	Now	X X X X X
MA	E Springfield	300 Cadwell Dr	01103	4	SPFDMANOW01	Hut	413-736	Node		Existing	126	Now	X STS X X
MA	Springfield	400 Taylor St	01103	4	SPFDMATASPT	Barnnt	413-230	Access Point	Sprint	Existing	126	Now	ICB X X X
MA	Springfield	1500 Main St	01103	4	SPFDMAABW03	Barnet	413-781	Node		Existing	126	Now	STS X X
MA	Springfield	295 Worthington St	01103	4	SPFDMAWOHAT	SCOPE	413-761	CO - Tandem	VZ	Existing	126	Now	x x x x
MA	Springfield	1 Federal St	10105	3	SPFDMAXLH00	2	413-732	Gateway - T2	MCI,VZ	Existing	126	Now	x x x x x x x x
MA	Waitham	105 West St	01254	4	WLHMMAWEHAY	SCOPE	781-290	co	VZ	Existing	128	Now	X X X X X
MA	Westboro	2200 W Park Dr	01581	4	WSBOMAH00	1	508-616	Node	NEON	Existing	126	Now	X X X X X X
MA	Worcester	474 Main St	01608	3	WRCSMANKW04	1	508-797	Gateway - T2	٧Z	Existing	128	Now	x x x x x x x x
MA	Worcester	15 Chestnut St	01608	4	WRCSMACEHAY	Cage	508-795	CO - Tandem	٧Z	Existing	128	Now	X X X X X
MA	Worcester	44 Front SI	01608	4	WRSCMASNH00	1	508-797	Node		Existing	128	Now	X X X X
MD	Baltimore	323 N Cherles St	21202	2	BLTMMDCHHRM	Cage	410-230	CO - Tandem	٧Z	Existing	238	Now	X X X X
MD	Baltimore	111 Market PI	21202	1	BLTMMDDNHOA	7	410-230	Gateway - T1	MÇI	Existing	238	Now	x x x x x x
MD	Owings Mills	11 New Plant Ct	21117	4	OWMLMD06NON		410-363	Access Point		Existing	238	Now	ICB ICB ICB ICB ICB ICB
MD	Relay	4900 Washington Blvd	21227	4	BLTMMDTUH04	1	410-242	Access Point		Existing	238	Now	ICB ICB ICB ICB ICB
MD	Rising Sun	1399 S Rock Springs Rd	21911	4	RKSGMD05NON		410-939	Access Point		Existing	238	Now	ICB ICB ICB ICB ICB ICB
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ME	Portland	340 Cumberland St	04102	4	PTLDMECDH00	Bamnt	207-780	Node	Lightship	Existing	120	Now	STS X X
ME	Portland	380 Cumberland St	04102	4	PTLDMECDH00	1	207-780	Node	MCI	Existing	120	Now	STS X X
ME	Portland	45-55 Forest Ave	04102	4	PTLOMEFOHAT	SCOPE	207-780	CO - Tandem	٧z	Existing	120	Now	X X X X
ME	Portland	One City Center	04101	3	PTLDMECCH02	1	207-780	Gateway - T2	MCI,VZ	Existing	120	Now	x x x x x
ME	S Portland	470 Main St	04106	4	PTLDMEMANON	1	207-780	Node	Sprint	Existing	120	Now	x x x x x
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NH	Daver	57 Saint Thomas St	03820	4	DOVRNHTHHAV	SCOPE	603-742	CO - Tandem	٧z	Existing	122	Now	X X X X
ни	Keene	64 Washington St	03431	4	KEENNHWAHAG	SCOPE	603-357	co	vz	Planned	122	Q-4	x x x x x x x
NH	Manchester	920 Candia Rd	03103	4	MNCHNHDQ	1	603-626	Node	Sprint	Existing	122	Now	X
NH	Manchester	1 Sundial Ave	03103	3	MNCHNHNIH02	4	603-626	Galeway - T2	ATT,MCI,VZ	Existing	122	Now	X X X X X X ICB
NH	Manchester	55 Bridge St	03101	4	MNCHNHBRH00	2	603-629	Node		Existing	122	Now	X X X X
NH	Manchester	25 Concord St	03101	4	MNCHNHCOHAX	SCOPE	803-626	CO - Tandem	VZ	Existing	122	Now	x x x x x x
NH	Nashua	124 W Pearl St	03060	4	NASHNHWPHAT	SCOPE	603-882	co	VZ	Existing	122	Now	X X X X
NH	Nashus	1 Indian Head Plaze	03060	3	NASHNHIPW18	Bsmnt	603-882	Gateway - T2		Existing	122	Now	X X X X X
NH	Portsmouth	119 International Dr	03601	3	PTMONH08H00	1	603-436	Gateway - T2	∨z	Existing	122	Now	X X X X X
NH	Portsmouth	11 Menchester Sq	03801	4	PTMONH07W02	1	503-436	Node		Existing	122	Now	XXXX
NH	Portsmouth	56 Islington St	03801	4	PTMONHISHAN	CATT	603-436	CO	vz	Existing	122	Now	ICB ICB ICB ICB ICB
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NJ	Elizabeth	1196 E Grand St	07201	4	ELZBNJELHPW	SCOPE	905-352	co	٧z	Existing	224	Now	XXXXXXX
ИJ	Hackensack	256 State St	07601	4	HCKNNJHKHRF	SCOPE	201- 489	co	VZ	Existing	224	Now	X X X X
NJ	Monistown	37 Maple Ave	07960	4	MRTWNNJMRHRS	SCOPE	973-644	co	٧z	Existing	224	Now	X X X X X
NJ	New Brunswick	18-26 Paterson St	08901	4	NBWKNJNB	SCOPE	732448	CO - Tandem	٧z	Planned	224	Q-4	X X X X X X
NJ	Newark	95 William St	07102	2	NWRKNJ02HRM	SCOPE	973-286	CO - Tandem	VZ	Existing	224	Now	XXXXX
NJ	Newark	165 Halsey St	07102	1	NWRKNJ10H00	9	973-286	Galeway-T1	ATT,MÇI	Existing	224	Now	XXXXX
N	Newsrk	165 Halsey St	07102	1	NWRKNJ10H00	8	973-286	Gateway-T1	Equinix MMRm	Existing	224	Now	X X X X X
NJ	Newark	744 Broad St	07102	2	NWRKNJ10H37	5	973-2 66	Node	MFN	Existing	224	Now	XXXXX
NJ	Piscateway	4 Skiles Ave	06854	4	PSWYNJPHPX	SCOPE	732-885	co	VZ	Existing	224	Now	X X X X X

Page 3

Access Point = no current add/drop Node = add/drop available CO = Centrel Office

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		X	X	X	<u> </u>	<u> 1</u> i	1-0	135	penner	Z۸	mebneT - OO	212-216	SCOPE	NACWIALMENON	7	11001	18 189AA OF I	OVN	٨N
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NY	Peekskili	1023 Brown St	10566	4	PKSKNYPSHAM	SCOPE	914-739	co	∨z	Planned	132	Q-4			0	<u>X</u>	` ^	ş	
NY	Poughkeepsie	20 S Hamilton St	12601	4	PGHKNYSHHAM	SCOPE	845-432	CO - Tandem	٧z	Existing	133	Now	5	Х	Ŷ	X	. â		je sok s koje je sejel
NY	Putnem Valley	Peekskill Hollow Rd	10679	4	PTVYNYPYHAE	SCOPE		co	٧z	Planned	132	Q-4	1000		ICB	ICB	ICB	gan berkender in der bekann E	frances comments.
NY	Spackenkill	15 Stuart Dr	12603	4	PGHKNYSPHAF	SCOPE	845-482	co	VΖ	Existing	133	Now		ICB		ICB	ICB	ICB	ICB
NY	Suffern	2 Pavilion Rd	10901	4	SFRNNYCBH00	1	845-369	Node	WilTel	Existing	132	Now	1	X	X	X	X	X	·
NY	Tarrytown	19 Central Ave	10591	4	TRTWNYTTHAT	SCOPE	914-631	co	٧z	Planned	132	Q-4	hwe		· · · · · · · ·	X	X		The same property
NY	Wappingers Falls	10 South Ave	12590	4	WPFLNYWFHQ2	SCOPE	845-297	co	٧z	Existing	133	Now		ICB	ICB	ICB	ICB	ICB	ICB
NY	White Plains	360 Hamilton Ave	10601	3	WHPLNY05W03	1	914-997	Gateway - T2	VZ	Existing	132	Now	X	×	X	X	X	X	×
NY	White Plains	1 N Broadway	10601	4	WHPLNYNBW28	8	914-977	Access Point		Existing	132	Now	} ? .	÷	ICB	x	X	x	[Ω]
NY	White Plains	111 Main St	10601	4	WHPLNYWPHAY	SCOPE	914-997	CO - Tandem	٧z	Existing	132	Now	100	X	X	x	Ω		X
NY	White Plains	400 Hamilton Ave	10601	4			914-997	Node	ATT	Existing	132	Now	ļ			x	X		<u></u>
NY	Yorktown Heights	2750 Hickory St	10598	4	YRTWNYYTHAH	SCOPE	914-962	co	vz	Planned	132	Q-4	····				***		;
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PA	Chester Springs	1985 Ticonderoga Slvd	19425	4	CSSPPA55NON		610-458	Node		Existing	228	Now		na rigilin				,	
PA	Hellenown	155 Woodland Rd	18055	4	HLTWPAWRNON		-10 100	Node		Existing	228	Now	X	- Š-	Χ	X	X	X	X
PA	Philedelphia	1631 Arch St	19103	2	TIET THE PARTITION			co		Planned		IVOW	, X	Χ	X	X	X	X	X
PA	Philadelphia	2401 Locust St	19103	2				Node		Planned	228		,	X	X	X	X	X	X
PA	Philadelphia	401 N Broad St	19108	1	PHLAPAFGW72	9	215-413	Gateway-T1	S&D	Existing	228 228	A1.	ļ.,,,,,,	X	X	X	X	X	X
PA	Philadelphia	900 Rece St	19107	·	FREAFARGW/2	•	210-415	CO - Tandem	Sau	Planned		Now		X	X	X	<u>X</u>	Х	<u> </u>
								CO - Tandem		Figured	228		2.75 dec 4.	X	<u> </u>	X	X	X	<u> </u>
RI	Cranston	56 Phenix Ave	02920	4	CNTNRIPHHAL	CATT	401-464	со	٧z	Existing	130	Now		ICB	ICB	ICB	ICB	ICB	
RI	Providence	300 Carpenter St	02909	3	PRVDRIODW03	162	401-421	Gateway - T2	VZ,MCI	Existing	130	Now	х	X	X	X	Marin Marin Marin Color		ICB
RI	Providence	3 Regency Plaza	02903	4	PRVDRIODHOO	1	401-222	Access Point		Existing	130	Now		· · · · · · ·		وروسيسه وسين	<u>X</u>	<u> </u>	X
Ri	Providence	234 Washington St	02903	4	PRVDRIWAHI2	SCOPE	401-222	CO - Tandem	∨z	Existing	130	Now		4.5	ICB	<u> </u>	. <u>X</u>	<u>X</u>	
RI	Providence	1096 Broad St	02905	4	PRVDRIBRHAK	CATT	401-487	CO	٧z	Existing	130	Now	S	·	X	X	. X	_ X	
RI	Providence	375 Promenade St	02903	4	PRVDRIODHO1	1	401-222	Access Point	WilTel	Existing	130	Now		ICB	ICB	ICB	ICB	ICB	ICB
Ri	Warwick	2557 W Shore Rd	02889	4	WRWKRIWSHAI	CATT	401-738	CO	∨z	Existing	130			4	ICB	<u> </u>	X	X	
					WINTER		1011700		¥2	CXINUIG	130	Now		ICB	ICB	ICB	ICB	ICB	ICB
VA	Arlington	1025 N Irving St	22201	2				CO • Tandem		Planned	236			X	X	X	X	x	×
VA	Ashbum	21715 Filigree Ct	20147	2	ASBNVAA5	1	703-723	Node	Equinix	Existing	246	Now		X	`	x	X	×	×
VA	Falls Church	2935 Gallows Rd	22042	2				co	•	Planned	236	1404		- î	x	x	- ^ -	- -	- x
VA	Herndon	472 Elden St	20170	2				co		Planned	236			x	x	x	x		
VA	McLean	1701 Chain Bridge Rd	22101	2				co		Planned	236			the same of	and the second				<u> </u>
VA	McLean	8300 Greensboro Dr	22102	2						Planned	236			×	X	. X	_ X	<u> </u>	×
VA	McLean	1755 Old Meadow Rd	22102	2	MCLNVALV	1	703-893	Node	L-3	Existing	236	Ma		· · · · · · · · · · · · · · · · · · ·					
VA	Vienna	7990 Science App Ct	22162	1	VINNVAGSNON	1	703-281	Gateway-T1	SAD	Existing		Now		X	. X	<u> </u>	<u> </u>	_ _ X	<u>X</u>
VA	Vienna	8100 Boone Blvd	22182	2	J	1		, . t		Planned	236	Now		X	_ X	_X	<u>X</u>	X	X
VA	Vienna	8502 Tyco Rd	22182	2							236			4				je Japan samana samana	
	-	,		-		•				Planned	236			. L 4	وأدروهم سا			co. • romando	أحسسس
VT	Brattleboro	213 Main St	05301	4	BRBOVTMAHAA	Cage	802-258	co	VZ	Existina	124	Maria	, , year a cap	ngar n wee	monument (*)	erenomen age		and the second second	
VT	Burlington	266 Main St	05401	4	BURLVTMAHAR	SCOPE	802-652	CO	VZ VZ		_	Now	e a marine	X	X	X	X		IC8
• • •	***************************************	And suday Or	00-101	•	SURLVIMAHAR	SCOPE	302-032	CO	VZ	Existing	124	Now		X	Х.	X	X		X



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DECLARATION OF CLAIRE BETH NOGAY

EXHIBIT 10



← CARRIER SERVICE

HOME

Your Single Nationwide Source for Local Fiber Solutions When it comes to your ever-expanding network demands, it's all about access. And Cox Business Services helps you make the local connection with our state-of-the-art self-healing, redundant, ring-in-ring network. As an established leader in broadband communications, Cox offers the bandwidth and service you need to quickly, easily and reliably grow your existing networks or launch new ones.

Cox is a facilities-based provider, utilizing BGP routing over multiple connections to network access points (NAPs). We offer a pure point-to-point fiber optics connection from our network directly to your customers over a system architecture that ensures enhanced security, reliability and speed.

What's more, by owning and maintaining our network, we are wholly accountable, offering the simplicity and security of single-provider service.

Cox currently operates in over 20 major markets from coast to coast. More markets are being added throughout 2001 and 2002. View our Cox Carrier Services markets.

Products and Services:

Cox Carrier Services utilizes our local fiber backbone to deliver bandwidth speeds up to OC-48, giving you the speed and capacity you need to handle your customer's or network's bandwidth-heavy applications. We are also in the process of deploying Dense Wavelength Division Multiplexing (DWDM) technology in select markets for greater bandwidth capabilities. We offer several services for wholesale customers who need high-speed connectivity, including:

Cox Private Line Service: Provides point-to-point connections between

points of presence (POPs). Connect your own points of presence or interconnect to another carrier, whether that carrier is an ISP, ILEC, IXC, CLEC, BLEC, or wireless provider. Cox offers you a choice of four high-volume, digital transmission bandwidths: DS-3, OC-3, OC-12 and OC-48. A network diagram can be viewed here.

Cox Carrier Access Service: Provides you with dedicated local loop access to your customers through hubbed, point-to-point private line connections. Cox Carrier Access consists of two components, a Carrier Interconnection Circuit and a Customer End Loop. Choose from two bandwidth levels on the Carrier Interconnection Circuit and four bandwidth levels on the Customer End Loop. A network diagram can be viewed here.

Carrier Interconnection Circuits connect the Cox POP to your POP and are available in OC-12 and OC-48 bandwidths. Customer End Loops connect your network to your customer's office or facility and are available in DS-1, DS-3, OC-3 and OC-12 bandwidths.

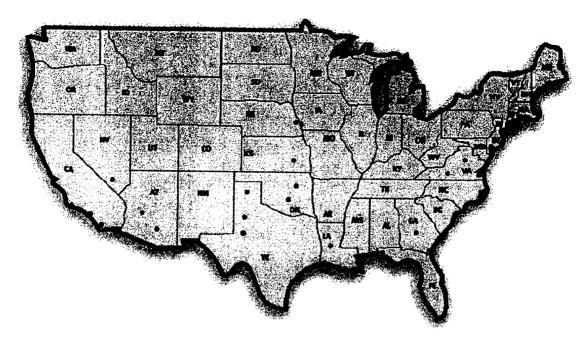
Both our Private Line and Carrier Access services are deployed over our SONET transmission equipment with electronic redundancy. Cox's self-healing network with path and electronic protection switching utilize fiber-optic rings with path diversity.

A Single Team Dedicated to Carrier Sales

Local access is important to you-important enough that Cox has formed a national team of experts that support you in every Cox market and who are solely dedicated to handling all aspects of your fiber solution. Cox's national account team typically consists of an Account Executive, Sales Order Administrator, Sales Customer Care Representative, Sales Billing Analyst and Sales Engineer. So, whether you are buying for one or multiple markets, the process is always simple and streamlined.

The national structure of Cox Carrier Services also affords flexible pricing options. By viewing your account on a national perspective, we often are able to provide significant volume discounts, making the most of your national buying power.

Should you ever need assistance, we're just a phone call away. Just call 1.877.669.3038 or contact us at cbs.carriersales@cox.com.
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Cox Business Services offers carrier services in the following markets:

Tucson, AZ
Phoenix, AZ
Orange County, CA
San Diego, CA
Santa Barbera, CA
Hartford, CT
Pensacola/Fort Walton, FL
Macon, GA
Baton Rouge, LA
New Orleans, LA
Wichita, KS
Las Vegas, NV

Omaha, NE
Oklahoma City, OK
Tulsa, OK
Rhode Island
Amarillo, TX
Lubbock, TX
Midland, TX
Hampton Roads, VA
Northern Virginia
Richmond, VA
Roanoke VA

Cox Carrier Access

